

**Publikationen der Klinik für Mund- Kiefer- und Gesichtschirurgie des Universitätsklinikums der RWTH Aachen 2016:**

- [1] Adamzyk C, Kachel P, Hoss M, Gremse F, Modabber A, Hölzle F, Tolba R, Neuss S, Lethaus B (2016) Bone tissue engineering using polyetherketoneketone scaffolds combined with autologous mesenchymal stem cells in a sheep calvarial defect model. *J Craniomaxillofac Surg.*44:985-94 (IF 1,583)
- [2] Amann PM, Marquardt Y, Steiner T, Hölzle F, Skazik-Voogt C, Heise R, Baron JM (2016) Effects of non-ablative fractional erbium glass laser treatment on gene regulation in human threedimensional skin models. *Lasers Med Sci.*31:397- 404 (IF 2,299)
- [3] Bartella AK, Ghassemi M, Hölzle F, Ghassemi A (2016) Reconstruction of facial soft tissue: comparison between conventional procedures and the facelift technique. *Br J Oral Maxillofac Surg.*54:1006-1011 (IF 1,218)
- [4] Bartella AK, Kloss-Brandstätter A, Kamal M, Teichmann J, Modabber A, Hölzle F, Lethaus B (2016) "Ilb or not Ilb" - The necessity of dissection in patients with oral squamous cell carcinoma. *J Craniomaxillofac Surg.*44:1733-1736 (IF 1,583)
- [5] Bauer F, Koerdt S, Hölzle F, Mitchell DA, Wolff KD (2016) Eight free flaps in 24 hours: a training concept for postgraduate teaching of how to raise microvascular free flaps. *Br J Oral Maxillofac Surg.*54:35-9 (IF 1,218)
- [6] Dziewiecki D, van de Loo S, Gremse F, Kloss- Brandstätter A, Kloss F, Offermanns V, Yamauchi K, Kessler P, Lethaus B (2016) Osteoneogenesis due to periosteal elevation with degradable and nondegradable devices in Göttingen Minipigs. *J Craniomaxillofac Surg.*44:318-24 (IF 1,583)
- [7] Ghassemi A, Köhlen D, Braunschweig T, Modabber A, Prescher A, Nanhekhan L (2016) Histopatho-logical Differences of the Pedicle Artery in Commonly Used Free Flaps: The Influence of Age, Gender, and Side. *J Oral Maxillofac Surg.*74:836-43 (IF 1,916)
- [8] Ghassemi A, Schreiber L, Prescher A, Modabber A, Nanhekhan L (2016) Regions of ilium and fibula providing clinically usable bone for mandible reconstruction: "A different approach to bone comparison". *Clin Anat.*29:773-8 (IF 1,824)
- [9] Gradl-Dietsch G, Korden T, Modabber A, Sönmez TT, Stromps JP, Ganse B, Pape HC, Knobe M (2016) Multidimensional approach to teaching anatomy-Do gender and learning style matter? *Ann Anat.*208:158-164 (IF 1,864)
- [10] Gradl-Dietsch G, Lübke C, Horst K, Simon M, Modabber A, Sönmez TT, Münker R, Nebelung S, Knobe M (2016) Peyton's four-step approach for teaching complex spinal manipulation techniques – a prospective randomized trial. *BMC Med Educ.*16:284 (IF 1,572)
- [11] Günes M, Altok M, Güne? A, Umul M, Özy?ld?z Z, Sönmez TT, Orhan H, Özmen Ö (2016) A Novel Approach to Penile Augmentation Urethroplasty Using Buccal Mucosa and Amniotic Membrane: A Pilot Study in a Rabbit Model. *Urology.*87:210-5 (IF 2,309)
- [12] Hajji M, Franzen R, Grümer S, Modabber A, Nasher R, Prescher A, Gutknecht N (2016) Removal of Dental Implants Using the Erbium, Chromium: Yttrium-Scandium-Gallium-Garnet Laser and the Conventional Trepine Bur: An in Vitro Comparative Study. *Photomed Laser Surg.*34:61-7 (IF 1,68)
- [13] Heinz MB, Ghanepur H, Ghassemi A (2016) Two-Step Reconstruction of Non-Marginal Auricular Defects. *J Oral Maxillofac Surg.*74:1494-8 (IF 1,916)
- [14] Kniha K, Gahlert M, Hicklin S, Brägger U, Kniha H, Milz S (2016) Evaluation of Hard and Soft Tissue Dimensions Around Zirconium Oxide Implant Supported Crowns: A 1-Year Retrospective Study. *J Periodontol.*87:511-8 (IF 3,03)
- [15] Knobe M, Nagel P, Maier KJ, Gradl G, Buecking B, Sönmez TT, Modabber A, Prescher A, Pape HC (2016) Rotationally Stable Screw-Anchor With Locked Trochanteric Stabilizing Plate Versus Proximal Femoral Nail Antirotation in the Treatment of AO/OTA 31A2.2 Fracture: A Biomechanical Evaluation. *J Orthop Trauma.*30:e12-8 (IF 2,251)
- [16] Koerdt S, Steinstraesser L, Stoeckelhuber M, Wales CJ, Rohleder NH, Babaryka G, Steiner T, Wolff KD, Loeffelbein DJ, Muecke T, Nieberler M, Kesting MR (2016) Radiotherapy for oral cancer decreases the cutaneous expression of host defence peptides. *J Craniomaxillofac Surg.*44:882-9 (IF 1,583)
- [17] Lichte J, Teichmann J, Loberg C, Kloss-Brandstätter A, Bartella A, Steiner T, Modabber A, Hölzle F, Lethaus B (2016) Routine preoperative colour Doppler duplex ultrasound scanning in anterolateral thigh flaps. *Br J Oral Maxillofac Surg.*54:909-913 (IF 1,218)

- [18] Modabber A, Peters F, Brokmeier A, Goloborodko E, Ghassemi A, Lethaus B, Hölzle F, Möhlhenrich SC (2016) Influence of Connecting Two Standalone Mobile Three-Dimensional Scanners on Accuracy Comparing with a Standard Device in Facial Scanning. *J Oral Maxillofac Res.*7:e4 (IF 0,2)
- [19] Modabber A, Peters F, Kniha K, Goloborodko E, Ghassemi A, Lethaus B, Hölzle F, Möhlhenrich SC (2016) Evaluation of the accuracy of a mobile and a stationary system for three-dimensional facial scanning. *J Craniomaxillofac Surg.*44:1719-1724 (IF 1,583)
- [20] Möhlhenrich SC, Abouridouane M, Heussen N, Hölzle F, Klocke F, Modabber A (2016) Thermal evaluation by infrared measurement of implant site preparation between single and gradual drilling in artificial bone blocks of different densities. *Int J Oral Maxillofac Surg.*45:1478-1484 (IF 1,918)
- [21] Möhlhenrich SC, Abouridouane M, Heussen N, Modabber A, Klocke F, Hölzle F (2016) Influence of bone density and implant drill diameter on the resulting axial force and temperature development in implant burs and artificial bone: an in vitro study. *Oral Maxillofac Surg.*20:135-42 (IF 0,2)
- [22] Möhlhenrich SC, Kamal M, Peters F, Fritz U, Hölzle F, Modabber A (2016) Bony contact area and displacement of the temporomandibular joint after high-oblique and bilateral sagittal split osteotomy: a computer-simulated comparison. *Br J Oral Maxillofac Surg.*54:306-11 (IF 1,218)
- [23] Möhlhenrich SC, Kniha K, Elvers D, Ayoub N, Goloborodko E, Hölzle F, Modabber A (2016) Intraosseous stability of dental implants in free revascularized fibula and iliac crest bone flaps. *J Craniomaxillofac Surg.*44:1935-1939 (IF 1,583)
- [24] Möhlhenrich SC, Kniha K, Heussen N, Hölzle F, Modabber A (2016) Effects on primary stability of three different techniques for implant site preparation in synthetic bone models of different densities. *Br J Oral Maxillofac Surg.*54:980-986 (IF 1,218)
- [25] Möhlhenrich SC, Modabber A, Kamal M, Fritz U, Prescher A, Hölzle F (2016) Three-dimensional effects of pterygomaxillary disconnection during surgically assisted rapid palatal expansion: a cadaveric study. *Oral Surg Oral Med Oral Pathol Oral Radiol.*121:602-8 (IF 1,416)
- [26] Movahedian Attar B, Haghighat A, Naghdi N, Jokar S, Nazem R, Ghassemi A (2016) Acellular Dermal Graft in Secondary Cleft Lip Deficiencies: Assessment of Results With a Reproducible Quantitative Technique. *J Craniofac Surg.*27:313-6 (IF 0,788)
- [27] Peters F, Möhlhenrich SC, Ayoub N, Goloborodko E, Ghassemi A, Lethaus B, Hölzle F, Modabber A (2016) The use of mobile 3D scanners in maxillofacial surgery. *Int J Comput Dent.*19:217-30 (IF 1,436)
- [28] Pietsch AP, Raith S, Ode JE, Teichmann J, Lethaus B, Möhlhenrich SC, Hölzle F, Duda GN, Steiner T (2016) Biomechanical competence of six different bone screws for reconstructive surgery in three different transplants: Fibular, iliac crest, scapular and artificial bone. *J Craniomaxillofac Surg.*44:689- 96 (IF 1,583)
- [29] Souren C, Kloss-Brandstätter A, Stadler A, Kross K, Yamauchi K, Ketelsen D, Kessler P, Lethaus B (2016) Ultrasound-guided fine-needle aspiration cytology as a diagnostic tool in comparison to ultrasound and MRI for staging in oral- and oropharyngeal squamous cell tumors. *J Craniomaxillofac Surg.*44:197-201 (IF 1,583)
- [30] Steiner T ... Hölzle F, Raith S (2016) Impairment of an atrophic mandible by preparation of the implant cavity: a biomechanical study. *Br J Oral Maxillofac Surg.*54:619-24 (IF 1,218)
- [31] Strobel L, Hölzle F, Riediger D, Hilgers RD, Modabber A, Gerressen M (2016) Subtarsal Versus Transconjunctival Approach-Esthetic and Functional Long-Term Experience. *J Oral Maxillofac Surg.*74:2230-2238 (IF 1,916)
- [32] Thiele OC, Kreppel M, Bittermann G, Hölzle F et al. (2016) Moving the mandible in orthognathic surgery - A multicenter analysis. *J Craniomaxillofac Surg.*44:579-83 (IF 1,583)
- [33] Yamauchi K, Nogami S, Martinez-de la Cruz G, Lethaus B et al. (2016) Timed-release system for periosteal expansion osteogenesis using NiTi mesh and absorbable material in the rabbit calvaria. *J Craniomaxillofac Surg.*44:1366-72
- hyaluronic acid film sheath on peripheral nerve regeneration. *Microsurgery.*3:209-16 (IF 0,2)